



Economic and Social Council

Distr.: General
10 April 2025

Original: English

Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

196th session

Geneva, 24–27 June 2025

Item 4.8.12 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRBP

Proposal for Supplement 2 to the 01 series of amendments to UN Regulation No. 142 (Tyre Installation)

Submitted by the Working Party on Noise and Tyres*

The text reproduced below was adopted by the Working Party on Noise and Tyres (GRBP) at its eighty-first session (ECE/TRANS/WP.29/GRBP/79, para. 21). It is based on ECE/TRANS/WP.29/GRBP/2025/14 as amended by GRBP-81-10-Rev.1. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their June 2025 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2025 as outlined in proposed programme budget for 2025 (A/79/6 (Sect. 20), table 20.6), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



Contents, 5 and 6, amend to read:

"Contents

...

5. Requirements.....

6. Modifications of the type of vehicle and extension of approval

..."

Footnote 1, amend to read:

"¹ As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3)."

Paragraph 2.3., amend to read:

"2.3. "Tyre size designation" means the designation as defined in UN Regulation No. 30 for class C1 tyres and in UN Regulation No. 54 for class C2 and C3 tyres."

Paragraphs 2.6. to 2.7.1., amend to read:

"2.6. "Normal tyre" means a tyre intended for normal on-road use.

2.7. "Snow tyre" means a tyre whose tread pattern, tread compound or construction is primarily designed to achieve in mud and/or snow conditions a performance better than that of a normal tyre with regard to its ability to initiate and control vehicle motion."

2.7.1. "Tyre for use in severe snow conditions" means a snow tyre or a special use tyre whose tread pattern, tread compound or construction is specifically designed to be used in severe snow conditions and that fulfils the requirements specified in paragraph 6. of UN Regulation No. 117."

Paragraphs 2.19. and 2.20., amend to read:

"2.19. "Speed category symbol" means the symbol as defined in UN Regulation No. 30 for class C1 tyres and in UN Regulation No. 54 for classes C2 or C3 tyres.

2.20. "Load capacity index" means a number associated to the maximum load rating of the tyre in relation to the definition in UN Regulation No. 30 for class C1 tyres and in UN Regulation No. 54 for classes C2 or C3 tyres."

Add new paragraphs 2.22. and 2.22.1. to read:

"2.22. "Free Rolling Tyre" means a tyre, designed for the equipment of trailer axles and axles of motor vehicles other than front axles and drive axles. Those tyres bear the inscription "FRT" mentioned in paragraph 3.1.15. of UN Regulation No. 54.

2.22.1. "Front axle" means any axle, forward of the mid-point of the chassis, on which the wheels are controlled by the steering system."

Paragraph 5., title, amend to read:

"5. Requirements"

Add a new paragraph 5.2.1.5. to read:

"5.2.1.5. Free Rolling Tyres marked with the inscription "FRT" shall not be fitted to front axles and drive axles of motor vehicles of categories M or N."

Paragraph 5.2.3.2.2., amend to read:

"5.2.3.2.2. In the case of vehicles normally equipped with normal tyres and occasionally fitted with tyres for use in severe snow conditions (i.e. marked with the Alpine Symbol as described in UN Regulation No. 117 or the Snow Grip Symbol for Studded Tyres¹ as described in UN Regulation No. where in such a case the speed category of the tyre for use in severe snow conditions shall be greater than or equal to the lesser of the maximum vehicle design speed and 160 km/h.

However, if the maximum vehicle design speed is greater than the speed corresponding to the lowest speed category symbol of the fitted tyres for use in severe snow conditions, a maximum speed warning label, specifying the lowest value of the maximum speed capability of the fitted tyres for use in severe snow conditions, shall be displayed inside the vehicle in a prominent position readily and permanently visible to the driver. Other tyres with improved snow traction (i.e. with the M+S marking, but without the Alpine Symbol or the Snow Grip Symbol for Studded Tyres¹ shall comply with the requirements of paragraphs 5.2.3.1.1. and 5.2.3.1.2. of this Regulation."

¹ Notwithstanding the provisions of this Regulation a Contracting Party may permanently, temporarily or conditionally prohibit the use of, or impose additional requirements for, studded tyres.

Paragraph 5.2.4.3., amend to read:

"5.2.4.3. In the case of some special vehicles, as listed below, fitted with tyres of class C2 or C3, the 'table load-capacity variation with speed' as described in paragraph 5.2.2.2.2. shall not be applied. In such a case, the tyre maximum load rating to check against the technically permissible maximum axle mass (see paragraphs 5.2.2.1.2. to 5.2.2.1.4.) shall be determined by multiplying the load corresponding to the load capacity index corresponding to the nominal speed category symbol by an appropriate coefficient which is related to the type of vehicle and its use, rather than to the maximum vehicle design speed, and the requirements of paragraphs 5.2.3.1.1. and 5.2.3.1.2. of this Annex shall not apply."

Paragraph 5.2.5.2., amend to read:

"5.2.5.2. Every vehicle provided with a temporary-use spare units shall comply with the technical and transitional provisions of UN Regulation No. 64 with respect to the requirements concerning the equipment of vehicles with temporary-use spare units.
..."

Paragraph 6., title, amend to read:

"6. Modifications of the type of vehicle and extension of approval "

Annex 1, item 1.2.1., amend to read:

"1.2.1. Commercial name(s) (if available):"